



FINISH LINES

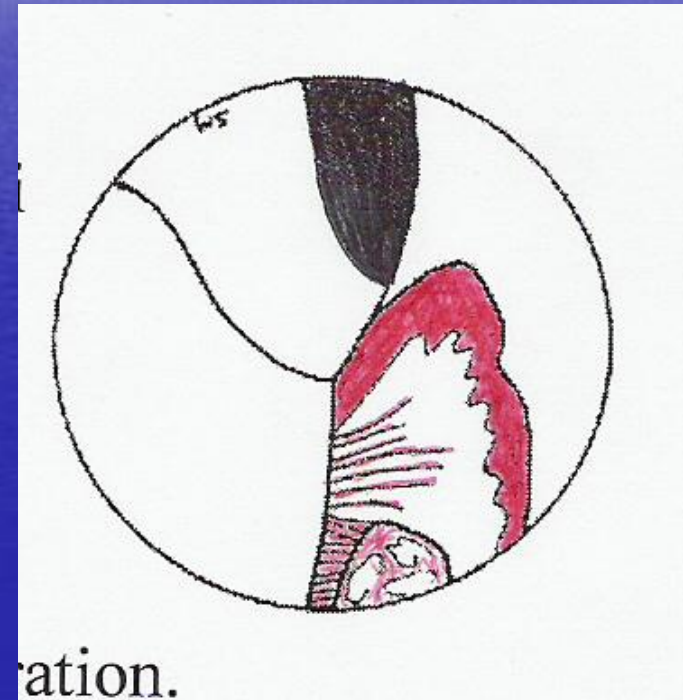
MARGINAL ADAPTATION

Definition

- It is the line or area where the preparation ends and the restoration begins.
- It is usually located at the cervical area of the abutment teeth.
- It can be placed – sub-gingival
 - at the crest of the ging.
 - supra-gingival

SUB-GINGIVAL

- Placed midway between the bottom of the sulcus and the free gingival crest.
- Self cleansable area and less susceptible to caries due to alkaline gingival fluids.

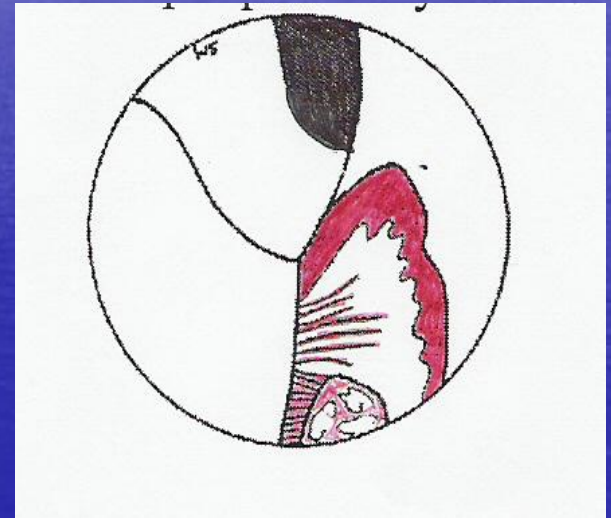


INDICATIONS

- Short occluso-gingival preparations, to increase retention.
- Highly esthetic areas (anterior teeth, premolar area).
- Presence of pre-existing cervical restoration, erosion or caries.
- Patients with high caries index, poor cleaning habits.
- Difficult preparation & impression taking, verification & check-ups.

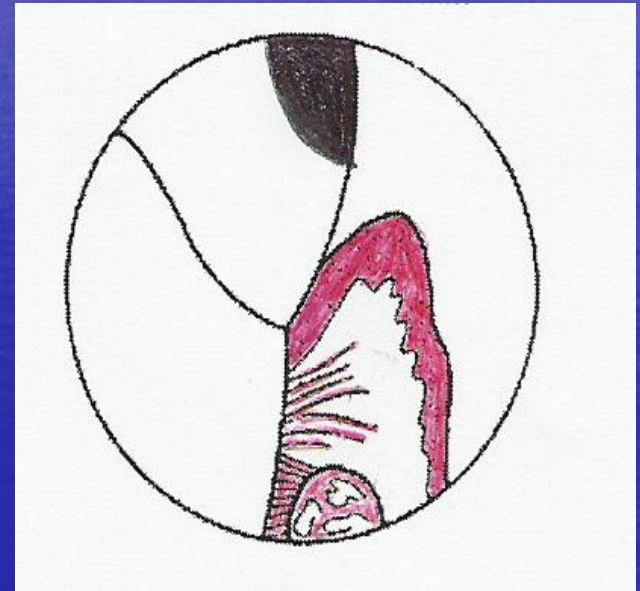
AT THE CREST

- It is not recommended.
- Can be done when there is adequate height, oral hygiene is good and esthetics are not very important.



SUPRA-GINGIVAL

- Done on posterior teeth & palatal surface of anterior teeth.
- Adequate O-G height.
- Good oral hygiene.
- Esthetics is not required.
- Easy for the dentist to prepare, easy impressions, verify & inspect during check-ups.



IMPORTANCE OF FINISH LINE

- Gives good adaptation as there is a definite step.
- Gives better resistance towards tissue-ward movement.
- Good esthetics when done subgingivally.

DEFINITE FL

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graph TD; A[DEFINITE FL] --> B[CHISEL EDGE]; A --> C[BEVEL EDGE]; A --> D[CHAMFER FL]; A --> E[SHOULDER FL]; A --> F[SHOULDER WITH BEVEL FL];
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CHISEL EDGE

Cast metal
Inaccessible areas
Remove undercuts
Fine tapered stone

BEVEL EDGE

Cast metal
Cervical caries
45 step
Tinker stone

CHAMFER FL

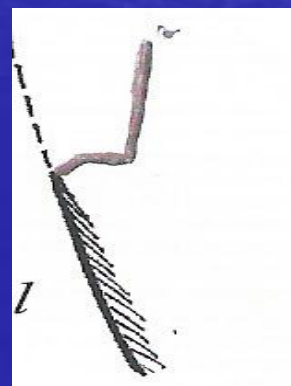
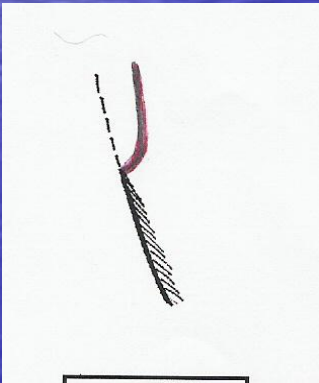
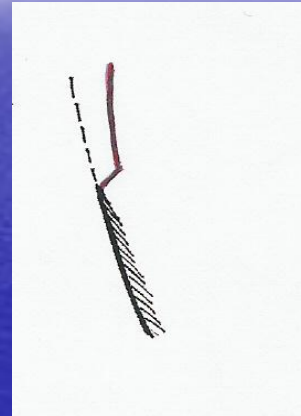
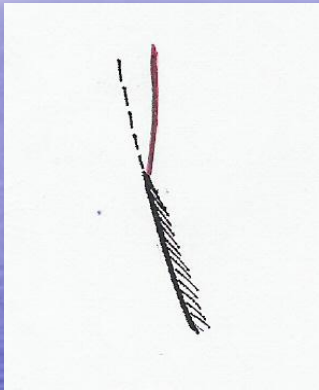
Cast metal
Best adaptation
Concave step 0.3-0.5mm
T/C Stone with round end

SHOULDER FL

Ceramic
90 step
1-2mm (avg 0.75)
T/C flat ended stone

SHOULDER WITH BEVEL FL

Combination Rest.
90 shoulder + 45 slope
T/C & tinker stone
(Enamel hatchet)



Modifications of Shoulder FL

- Sloped shoulder
- 120 slope, used with all ceramic.
- Radial Shoulder
- Rounded internal angle (reduces stresses), also used with ceramic rest.

